

What is claimed is:

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1. A alert system comprising:
 - a condition information receiver receiving condition data and generating a condition information signal in response to said condition data;
 - a positioning system receiver receiving position data and generating a position signal in response to said position data;
 - an indicator; and
 - a system controller electrically coupled to said condition information receiver, said positioning system receiver, and said indicator, said system controller receiving said condition information signal, said position signal, and coupling a condition alert signal to said indicator in response to said condition information signal and said position signal.
 2. A system as in claim 1 wherein said indicator is selected from the following group comprising: a video system, an audio system, a lighting system, and a heads-up display system.
 3. A system as in claim 1 further comprising:
 - a video system electrically coupled to said system controller; and
 - an audio system electrically coupled to said system controller;
 - wherein said system controller indicates said condition alert signal on said video system and said audio system.
 4. A system as in claim 1 wherein said condition is the weather.
 5. A system as in claim 3 wherein said video display system is selected from the following group: a radar display, a data capable phone, a

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personal digital assistant, a navigation system, a telematic system, and a video entertainment system.

6. A system as in claim 3 wherein said audio system receives data selected from the following group: recorded voice, warning tones, and text-to-speech.

7. A system as in claim 3 wherein said system controller receives said position signal and signals said video display system.

8. A system as in claim 7 wherein said system controller combines said condition information signal with said position signal to form an overlay condition position signal.

9. A system as in claim 7 wherein said system controller also indicates a heading direction of the condition information receiver.

10. A system as in claim 1 wherein said condition information receiver is selected from the following group: AM/FM receiver, wireless communication system, telematic system, satellite receiver, and navigation system.

11. A system as in claim 1 wherein said audio system is selected from the following group: a vehicle stereo system, an entertainment system, and a sound-conveying device.

12. A system as in claim 1 wherein said condition information receiver receives condition data from one selected from the following group: radar system, wireless data system, personal communication service, cellular data network,

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short message services, paging network, FM subcarrier system, satellite network,
5 broadband data services, and local area networks.

sub. a2 13. A method of operating an alert system for a hazardous condition
comprising:

receiving warning data corresponding to the hazardous condition;
receiving position data, and
5 indicating the current hazardous condition in response to said warning data
and said position data.

14. A method as in claim 13 wherein warning data comprises receiving
data containing information on the hazardous condition selected from the
following group: weather data, tornado data, hazardous chemical spill data, and
accident data.

15. A method as in claim 13 wherein said indicating a current
hazardous condition further comprises:

displaying a condition map on a video display;
overlaying a condition alert system position on said video display; and
5 indicating a condition alert system heading.

sub. a3 16. A method as in claim 13 wherein indicating a hazardous condition
further comprises:

overriding vehicle audio entertainment systems; and
generating an audio signal on a vehicle audio entertainment system.

17. A method as in claim 16 wherein said generating an audio signal
comprises audibly transmitting a signal formed from one selected from the
following group: a prerecorded voice, a live voice, and a text to speech device.

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18. A method as in claim 13 further comprising dynamically updating condition data based on a condition alert system position.

19. A method as in claim 13 wherein indicating a current hazardous condition further comprises calculating a condition alert system position relative to an alert area.

20. A method as in claim 13 further comprising displaying an overlay of a condition alert system position on a generated condition map on a video display.

21. A method as in claim 13 further comprising displaying a heading direction of a condition alert system.

22. A vehicle alert system comprising:

a condition information receiver receiving condition data and generating a condition information alert signal;

5 a positioning system receiver receiving position data and generating a position signal;

a video system;

an audio system;

10 a system controller electrically coupled to said condition information receiver, said positioning system receiver, said video system, and said audio system, said system controller in response to said condition information alert signal and said position signal forming an overlay condition position signal;

said system controller indicating said overlay condition position signal on said video system and said audio system.

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